AMSAT News Service Weekly Bulletins
Issue: ANS-086
Date: 2022-03-27
Sources: amsat-ans-2022-ans-086-weekly-hyperkitty-7eac362d67.txt

---

AMSAT NEWS SERVICE
ANS-086

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to: ans-editor [at] amsat.org

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see: https://mailman.amsat.org/postorius/lists/ans.amsat.org/

In this edition:

* AMSAT/TAPR Banquet To Be Held in Honor of Bob Bruninga, WB4APR
* Artemis I rollout
* FCC $35 Amateur Application Fee Effective Date Announced
* AMSAT-LU WSPR beacon in Antarctica
* ARISS News
* Upcoming Satellite Operations
* Hamfests, Conventions, Maker Faires, and Other Events
* Satellite Shorts From All Over

ANS-086 AMSAT News Service Weekly Bulletins

To: All RADIO AMATEURS
From: Radio Amateur Satellite Corporation
712 H Street NE, Suite 1653
Washington, DC 20002

DATE 2022 Mar 27

AMSAT/TAPR Banquet To Be Held in Honor of Bob Bruninga, WB4APR

The 13th annual AMSAT/TAPR Banquet will be held at the Kohler Presidential Banquet Center on Friday, May 20th at 18:30 EDT. This dinner is always a highlight of the AMSAT (Radio Amateur Satellite Corp.) and TAPR (Tucson Amateur Packet Radio) activities during the Dayton Hamvention. This year’s banquet will honor the life and accomplishments of long time amateur satellite and amateur packet pioneer Bob Bruninga, WB4APR, who passed away in February.

The Kohler Presidential Banquet Center is located at 4548 Presidential Way, Kettering, Ohio – about 20 minutes away from the Greene County Fairgrounds.

Tickets ($57 each) may be purchased from the AMSAT store. The banquet ticket purchase deadline is Friday, May 13th. Banquet tickets must be purchased in advance and will not be sold at the AMSAT booth. There will be no tickets to pick up at the AMSAT booth. Tickets purchased on-line will be maintained on a list with check-in at the door at the banquet center. Seating is limited to the number of meals reserved with the Kohler caterers based on the number of tickets sold by the deadline.

Register today at https://www.amsat.org/product/amsat-tapr-joint-hamvention-banquet-registration/

[ANS thanks AMSAT & TAPR for the above information]

+=+=+=

When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 calendar days from the date of the email to pay. After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license. The link will be good for 30 days. Additionally, the FCC stated that applications processed and dismissed will not be entitled to a refund. This includes vanity requests where the applicant does not receive the requested call sign. The FCC published the notice in the Federal Register on March 23, 2022, stating that the amateur radio application fees, including those associated with Form 605 application filings, would become effective on April 19, 2022.

[ANS thanks ARRL for the above information]

AMSAT-LU WSPR beacon in Antarctica

AMSAT Argentina has prepared and donated to Cocoantar (Antarctic Joint Command), a beacon in WSPR mode (WSPR = emission of signals of minimum power 200mW and long range) On March 22, 2022, when the winter south hemisphere solstice occurred (passage of the sun over the equator to the north), this beacon was installed and began its operation at 40, 20, 15 and 10m from the Esperanza (Hope) Antarctic base, emitting with his Call Sign LU1ZV. In just one day, this permanent beacon has already been received and confirmed by multiple stations, allowing real-time viewing of propagation and range conditions in the bands that are broadcasted. This reaffirms and makes known to the world the will and commitment of Argentina of its permanent presence in Antarctica together with the Argentine Amateur Radio in the white continent by the hand of AMSAT-LU.
To track, maps, graph and details see http://lu7aa.org/dx.asp?call=LU1ZV or by radio. AMSAT Argentina, LU7AA, thanks Cocoantar and AMSAT Argentina members and friends for being part and driving force of this special event, including its President LU4BMG, the President of CETRA LU8YY/Q, members of its Board of Directors and its 2,500 members for accompany this adventure.

[ANS thanks JoAnne Maenpaa, K9JKM and AMSAT Argentina for the above information]

+=+=+=

Support AMSAT's projects today at https://www.amsat.org/donate/

+=+=+=

[ANS thanks Phillip Jenkins, N4HF and Paul Overn, KE0PBR, AMSAT Events Page Manager, for the above information]

Satellite Shorts From All Over

+ Satellite snoopers pick up surprising tv broadcast: While Internet based streaming services appear to be the future of television, there are still plenty of places where it comes into the home via a cable, satellite, or antenna connection. For most satellite transmissions this now means a digital multiplex carrying a host of channels from a geostationary satellite, for which a set-top box or other decoder is required. Imagine the surprise of satellite-watchers than when the Russian polar communications satellite Meridian 9 which has a highly elliptical orbit was seen transmitting old-style terrestrial analogue TV (ThreadReader Link). What on earth was happening? See https://bit.ly/3D3ELFH for details. [ANS thanks Stephen Walters and Southgate Amateur Radio News for the above information]

+ The count of confirmed exoplanets just ticked past the 5,000 mark, representing a 30-year journey of discovery led by NASA space telescopes. Not so long ago, we lived in a universe with only a small number of known planets, all of them orbiting our Sun. But a new raft of discoveries marks a scientific high point: More than 5,000 planets are now confirmed to exist beyond our solar system. More at https://go.nasa.gov/3Iy7KTd [ANS thanks NASA for the above information]

+ Following the completion of critical mirror alignment steps, NASA’s James Webb Space Telescope team expects that Webb’s optical performance will be able to meet or exceed the science goals the observatory was built to achieve. On March 11, the Webb team completed the stage of alignment known as “fine phasing.” At this key stage in the commissioning of Webb’s Optical Telescope Element, every optical parameter that has been checked and tested is performing at, or above, expectations. The team also found no critical issues and no measurable contamination or blockages to Webb’s optical path. The observatory is able to successfully gather light from distant objects and deliver it to its instruments without issue. While the purpose of this image was to focus on the bright star at the center for alignment evaluation, Webb's optics and NIRCam are so sensitive that the galaxies and stars seen in the background show up. While the purpose of this image was to focus on the bright star at the center for alignment evaluation, Webb's optics and NIRCam are so sensitive that the galaxies and stars seen in the background show up. Although there are months to go before Webb ultimately delivers its new view of the cosmos, achieving this milestone means the team is confident that Webb’s first-of-its-kind optical system is working as well as possible. More at https://go.nasa.gov/3NfKP2v [ANS thanks NASA and STScI for the above information]

Join AMSAT today at https://launch.amsat.org/

In addition to regular membership, AMSAT offers membership to:

* Societies (a recognized group, clubs or organization).
* Primary and secondary school students are eligible for membership at one-half the standard yearly rate.
* Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.
* Memberships are available for annual and lifetime terms.

Contact info [at] amsat.org for additional membership information.

73 and remember to help Keep Amateur Radio in Space!

This week's ANS Editor, Jack Spitznagel, KD4IZ
kd4iz at arrl dot org